

## **ABSTRACT OF THE DISCLOSURE**

The present invention provides methods and systems for automatic translation code generation. The client transmits a data object message comprising the current data model of the client to the server. The server automatically generates a new translation code based on the current data model of the client. The newly generated translation code may then be used to convert the data in the server into a data format required by the client. If the current data model of the client changes, the translation code on the server may be automatically adapted according to the changed data format and data on the server is converted with the adapted translation code.